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| --- | --- | --- | --- | --- |
| **Sr. no.** | **Algorithm** | **Best case time complexity** | **Average case time complexity** | **Worst case time complexity** |
| 1. | Bubble sort | Ω(n) | Ѳ(n^2) | O(n^2) |
| 2. | Selection Sort | Ω(n) | Ѳ(n^2) | O(n^2) |
| 3. | Insertion Sort | Ω(n) | Ѳ(n^2) | O(n^2) |

***Time Complexities of different sorting algorithms :***